

# GENERAL INFORMATION AND INSTRUCTIONS HAWKINS AXLE BEARING PRESS

PATENT APPLIED FOR

MODEL HAP-100-A

BULLETIN 12

## FOR REAR AXLE BEARINGS LISTED

Make	Years	Head	Inner Race
Chevrolet	55 thru 56	No. A-2 Small End	No. A-4
Chevrolet	57 thru 59	No. A-2 Large End	No. A-5
Ford	49 thru 56	No. A-2 Small End	No. A-4
Ford	57 thru 59	No. A-1 Small End	No. A-5
Mercury	49 thru 59	No. A-1 Small End	No. A-5
Lincoln	49 thru 59	No. A-1 Small End	No. A-5
Edsel	58 thru 59	No. A-1 Small End	No. A-5
Pontiac	46 thru 59	No. A-1 Small End	No. A-5
Buick	56 thru 59	No. A-1 Large End	No. A-5
Oldsmobile	46 thru 59	No. A-1 Small End	No. A-5
Cadillac	41 thru 56	No. A-1 Small End	No. A-5
Cadillac	57 thru 59	No. A-1 Large End	No. A-5
Packard	56 thru 58	No. A-1 Small End	No. A-5

G.M.C., CHEVROLET, FORD PICKUPS, NO. 1 SMALL END, NO. 5 AND OTHERS

NASH — CHRYSLER — STUDEBAKER AND OTHERS WITH TAPER ROLLER BEARINGS. SEE FIGURES 10 AND 11.

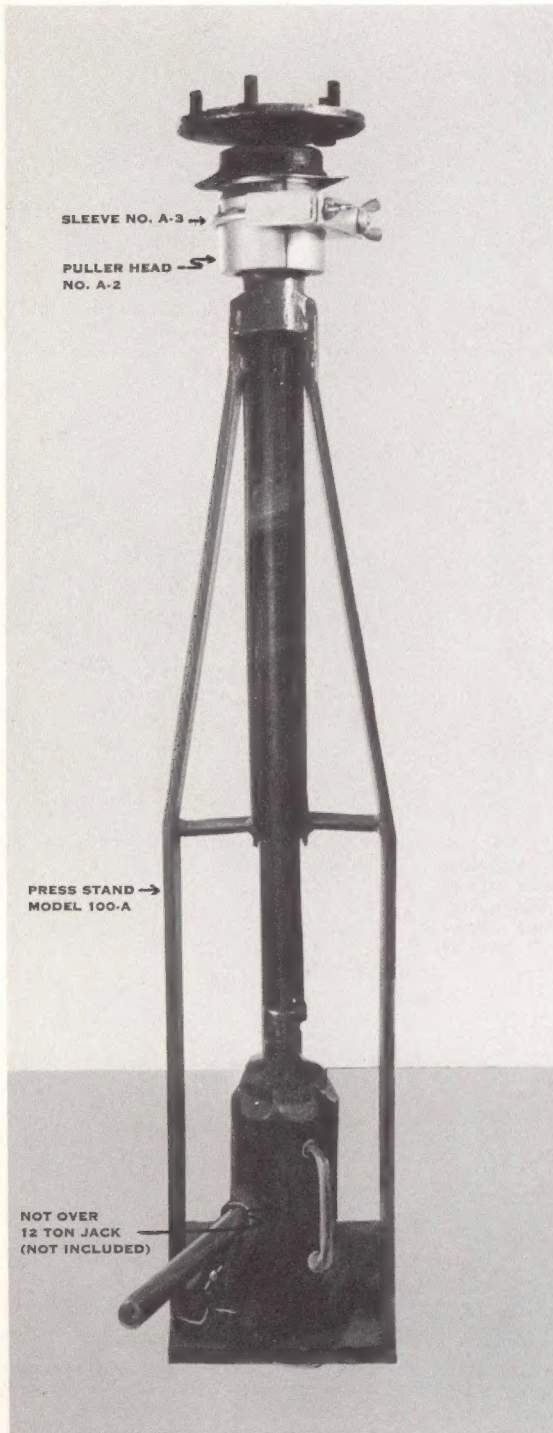
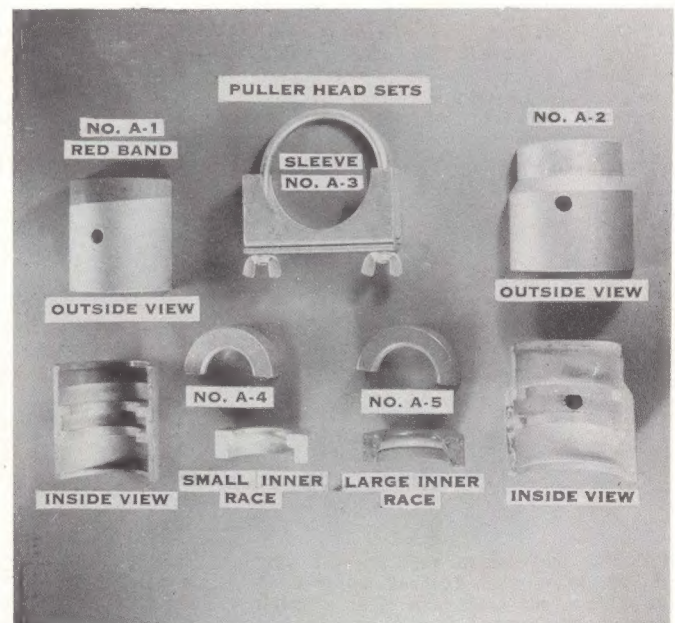


FIGURE 1 AXLE PRESS SHOWING CHEVROLET BEARING BEING REMOVED



**IMPORTANT:** Sleeve No. A-3 must be to top of Puller Head, as shown in Illustrations, and Locking ring loosen with hammer and chisel, before applying jack pressure. When bearing is frozen, apply normal jack pressure. Strike top of axle sharply with a 2-lb. hammer, then apply more pressure if necessary. Do not use jack with air in Hydraulic system.

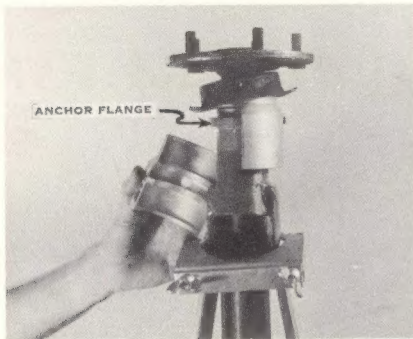
*Manufactured By*

**RED ARROW TOW BAR MFG., INC.**

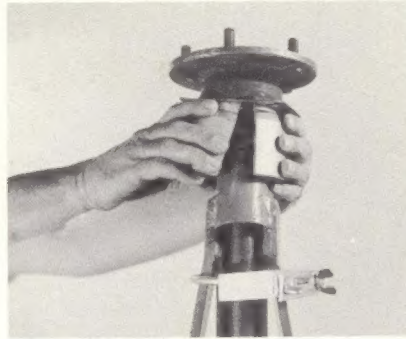


# DETAIL INSTRUCTIONS SHOWING APPLICATION OF BEARING PULLER ADAPTORS

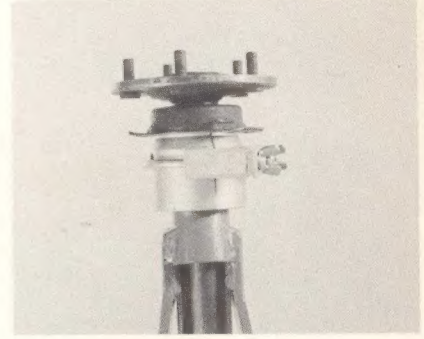
**IMPORTANT:** Sleeve No. A-3 must be at the top of Puller Head and Wing Nuts screwed tight.



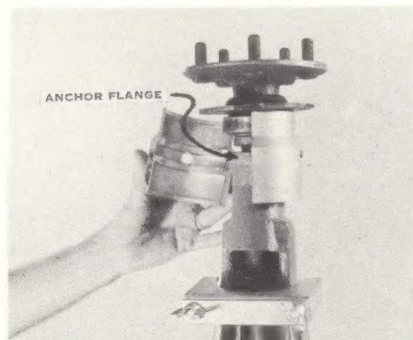
**FIG. 3.** Small end No. 2 head machined for use on axle where flange surrounds bearings such as some Chevrolet axles. Place one side of head first with hole in center of head over pin in flange at top of press.



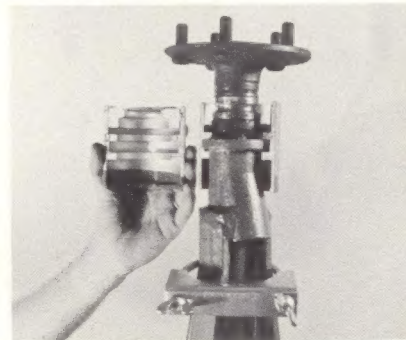
**FIG. 4:** Hold first side tight against top of press and fit second half in place. Anchor head by closing center groove around flange at top of press.



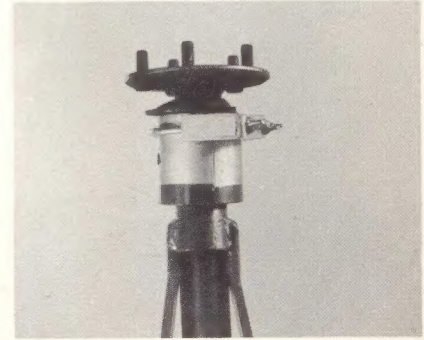
**FIG. 5:** Head locked in place by sleeve ready to pull bearing. Note: Sleeve must be on top of head and wing nuts screwed tight.



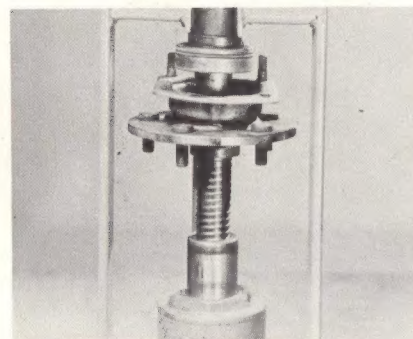
**FIG. 6:** Installing head for pulling Ford bearing—49 through 56. NOTE: center groove around anchor flange, and hole in center of head over pin in flange at top of press.



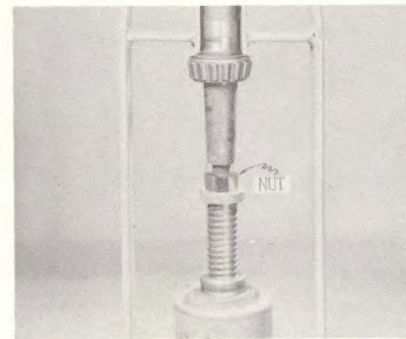
**FIG. 7:** Special adaptors for pulling inner races where bearing has been broken away. These adaptors are made in two sizes to fit small and large inner races. Large size painted red. Insert adaptors in bearing recess of small end of No. 1 head, as shown.



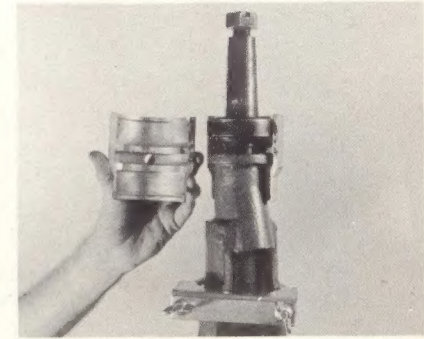
**FIG. 8:** Head locked, ready for pulling inner race.



**FIG. 9:** To replace bearing, turn axle flange down, thread shaft up through neck of press and jack axle through bearing as shown.



**FIG. 10:** On Chrysler products and others with tapered roller bearings, push bearing off from bottom as shown. Keep nut on axle to protect threads when removing bearing.



**FIG. 11:** When replacing bearing on this type axle outside race must be used. Be sure to use puller head that fits outside race. Lock head and press bearing on axle.

**WARNING IMPORTANT:** THE HAWKINS AXLE BEARING PRESS IS GUARANTEED FOR ONE YEAR, IF THESE INSTRUCTIONS ARE FOLLOWED COMPLETELY. NEVER USE OVER 12 TON JACK. NEVER USE JACK WITH AIR IN HYDRAULIC SYSTEM.

## HAWKINS AXLE BEARING PRESS

### MODEL HAP-100-A

MANUFACTURED BY

PATENT APPLIED FOR

• RED ARROW TOW BAR MFG., INC. •